NC/PMC/YD/W2/2018-19/CA-C1 Date: 19-12-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	152 min	Shall not be less than 30 min
2	Final setting time	265 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.86 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.98 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	28.42 N/Sq mm	Shall not be less than 27 N/Sqmm

K.R
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AE-2

AE 02

Proprietor

NC/PMC/YD/W2/2018-19/CA-PCC1 Date: 19-12-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.15	0 -20	30- 70
10mm	34.5	0 -5	10- 35
4.75mm	4.10	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.30	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	85.15	60-95	75-100	85-100	
01.18	76.90	30-70	55-90	75-100	
600.mic	47.05	15-34	35-59	60-79	
300.mic	24.10	5-20	8-30	12-40	
150.mic	9.30	0-10	0-10	0-10	

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For Newzen Consultants Bangalore
Proprietor

AE-02

NC/PMC/YD/W2/2018-19/CA-C2 Date: 22-12-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	158min	Shall not be less than 30 min
2	Final setting time	275 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.65%	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.10 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	28.68 N/Sq mm	Shall not be less than 27 N/Sqmm

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AE-2

AE-02

For Newzen Consultants Bangalore

Proprietor

NC/PMC/YD/W2/2018-19/CA-FA1 Date: 22-12-2018

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	97.80	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	85.10	60-95	75-100	85-100	
01.18	76.90	30-70	55-90	75-100	
600. mic	48.20	15.34	35-59	60-79	
300.mic	23.55	5-20	8-30	12-40	
150.mic	7.10	0-10	0-10	0-10	

TABLE 1.2 :

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	15.58%	-----
2	Silt Content	----	0.56%	Not more than 8%
3	Specific Gravity	----	2.62	-------

AE-V

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AE-02

NC/PMC/YD/W2/2018-19/CA-CA1 Date: 22-12-2018

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100 00	100 00
20 mm	97.45	85-100	90 - 100
10 mm	45.60	0 - 20	25 - 55
4.75 mm	3.90	0 - 5	0 - 10

TABLE 1.2

SL No	Test conducted	Results	Requirements as per IS 383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1	Flakiness Index	24.63 %	Not to exceed 25 %
2	Crushing value	26.96%	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

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Proprietor

NC/PMC/YD/W2/2018-19/CA-S1 Date: 22-12-2018

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10 & 12mm **TMT Steel.**
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

TABLE – 1

SL No	Details	For 10 mm		For 12 mm	
		Test Results	Min Req. as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**10.0 mm**	10.0 mm	**12.0 mm**	12.0 mm
02	Observed Wt/m Length **Kg/m**	**0.619**	0.567	**0.893**	0.834
03	Proof stress/Yield stress, fy , **N/mm^2**	**548.0**	500.0	**543.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**20.40**	16.00	**19.80**	12.00
06	Ultimate Tensile Strength **N/mm^2**	**643.0**	565.0	**648.0**	545.0

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For Newzen Consultants Bangalore
Proprietor

AE-02

NC/PMC/YD/W2/2018-19/CA-CB1

Date: 31-12-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-12-18	31-12-18	07	22500	375	16.67	**16.74**
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	370	16.44	

AE-2

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AE-2

NC/PMC/YD/W2/2018-19/CA-CB1a

Date: 21-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-12-18	21-01-19	28	22500	530	23.56	**23.33**
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	515	22.89	

AE-2

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AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB2a Date: 23-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-12-18	23-01-19	28	22500	515	22.89	**22.89**
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	525	23.33	

AE-2

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For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-G1 Date: 20-12-2018

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

TEST RESULTS

1. **Gradation Test:**
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
26.50	98.15	70-100
9.50	72.30	50-80
4.75	56.80	40-65
2.36	42.05	30-50
0.425	13.60	10-15
0.075	3.95	<5

AE-02

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AE-02

NC/PMC/YD/W2/2018-19/CA-C3 Date: 24-12-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division }

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	155min	Shall not be less than 30 min
2	Final setting time	265 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.72 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.96 mm	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	28.30N/Sq mm	Shall not be less than 27 N/Sqmm

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For Newzen Consultants Bangalore
Director

AE-V

AE-02

NC/PMC/YD/W2/2018-19/CA-PCC2 Date: 24-12-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.15	0 -20	30- 70
10mm	35.60	0 -5	10- 35
4.75mm	4.10	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.10	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	86.90	60-95	75-100	85-100	
01.18	75.30	30-70	55-90	75-100	
600 mic	45.45	15-34	35-59	60-79	
300 mic	23.20	5-20	8-30	12-40	
150 mic	7.60	0-10	0-10	0-10	

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For Newzen Consultants Bangalore

Proprietor

AE-2

AE-02

NC/PMC/YD/W2/2018-19/CA-C4 Date: 26-12-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	153 min	Shall not be less than 30 min
2	Final setting time	275min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.65 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.89mm	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	28.46 N/Sq mm	Shall not be less than 27 N/Sqmm

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AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB3

Date: 05-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-12-18	05-01-19	07	22500	530	23.56	**23.48**
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	535	23.78	

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AE-2

AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB4

Date: 07-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	31-12-18	07-01-19	07	22500	530	23.56	**23.26**
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	525	23.33	

K...R
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AE-V

AE-01

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/PMC/YD/W2/2018-19/CA-CB5

Date: 09-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-01-19	09-01-19	07	22500	520	23.11	**23.63**
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	545	24.22	

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AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB6

Date: 10-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-01-19	10-01-19	07	22500	520	23.11	**23.04**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	510	22.67	

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AE-2

AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB4a

Date: 28-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	31-12-18	28-01-19	28	22500	750	33.33	33.26
	002	"	"	"	"	755	33.56	
	003	"	"	"	"	740	32.89	

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AE-02

NC/PMC/YD/W2/2018-19/CA-CB5a

Date: 30-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-01-19	30-01-19	28	22500	720	32.00	32.52
	002	"	"	"	"	735	32.67	
	003	"	"	"	"	740	32.89	

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AE-02

For Newzen Consultants Bangalore
Proprietor

NC/PMC/YD/W2/2018-19/CA-CB6a

Date: 31-01-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager (West), KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-01-19	31-01-19	28	22500	730	32.44	32.67
	002	"	"	"	"	755	33.56	
	003	"	"	"	"	720	32.00	

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AE 2

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Proprietor